



*For 41 Years a Complete Service for Waterproofing and Dampproofing*

Minwax service to Architects and Builders consists of products and experience in the proper way of using them. We and our representatives welcome inquiries and the opportunity of presenting full information.

## MINWAX MEMBRANE WATERPROOFING

**Description**—Consists of alternate layers of Minwax Waterproofing Asphalt and Minwax Cotton Cord Cloth, forming a built-up blanket or mat constructed to envelop or cover the portion of the structure to be waterproofed. This creates a tough, stretchable elastic membrane that gives maximum protection against leakage due to cracking, temperature or vibration movement.

*Note:* For dampproofing foundations

Our products are for Waterproofing, Dampproofing, Caulking and Surface Protection. Brief descriptions and specifications are suggested in the paragraphs which follow. Our experience covers a period of 41 years and all types of construction.

**Specifications**—Membrane shall generally consist of primer, 3-ply fabric and 4 moppings asphalt laid on dry, smooth, solid surface and protected against damage by other trades. Where minimum quantities are desired, use 2-ply and 3 moppings. Detailed specifications on request. Minwax Cotton Cord Cloth weighs 4 oz. per yard unsaturated and minimum 11 oz. saturated. Complies with requirements of Federal Specification H.H.C.-581A and A.S.T.M. Specification D173. see Minwax Asphaltic Dampproofings.

## MINWAX EXPANSION JOINT CEMENT

**Description**—A black, solid, elastic, asphalt compound, which is a blend of special Minwax Asphalts and colloidal mineral fillers. Heated and poured into a joint, it will form an elastic, water-tight bond to masonry, steel, or glass. For over thirty years this material has been meeting all conditions of exposure and service in this field, and has established an outstanding record for effectiveness.

### Minwax Asphalt Primer

A penetrating solution of Minwax Asphalts for application to sides of joint to kill dust and insure a permanent bond for the Expansion Joint Cement.



Triboro Bridge, New York, N. Y.

Minwax Expansion Cement used in all expansion joints in the deck

**Specifications—Horizontal Joints—A.** (For joints in bridge decks, landing fields, sidewalk slabs, swimming pools, reservoirs, and other conditions where no continuous underslab exists.) Joints shall be thoroughly dry, clean, and free from all dust and loose material and shall be primed with a saturating coat of Minwax Asphalt Primer which shall dry before joint is poured. Caulk the bottom one-third of the joint with spun oakum packed firmly but not driven hard. Heat Minwax Vault Light Cement until thoroughly liquid.

**B.** (For joints of tile roofs and slabs over membrane in flashing groove or other joints in double slab construction.)

*Note:* In general these joints should be not less than 1 in. in width and spaced so as to break the slab or roof into squares approximately 20 to 25 ft. in size and should extend through to membrane weatherproofing. Joints should also be formed against the parapet or similar wall surface.

Proceed as above (A) but omit packing bottom of joint with oakum.

**Sloping Joints**—For sloping joints (more than  $\frac{1}{4}$  in. per ft. slope) proceed as specified under A or B but imbed in the center of the poured joint  $\frac{1}{4}$  in. below surface a length of standard manila rope fastened at upper end.

**Vertical Joints**—Where filling is required for vertical joints Minwax Asphalt Caulking Compound or Minwax Grey Caulking Compound should be substituted for Minwax Vault Light Cement where an elastic filler is required.

For Pages on Minwax Wood Finishes see Sweet's File Index

## SPANDREL WATERPROOFING

### Minwax Full Seal Fabric

A heavy, closely woven cotton fabric saturated and sealed with Minwax Waterproofing Asphalt. This presents a strong, flexible, elastic and puncture-resistant membrane that will not expand and contract under temperature movements as do metal sheets. Its flexibility insures minimum reduction of bond and normally it causes no reduction in the structural strength of the wall. It is waterproof in itself but should be laid in and coated with Minwax Trowel Coat Dampproofing. This material weighs minimum 7 oz. per yard unsaturated and minimum 17 oz. per yard saturated.

### Specifications for Spandrel Waterproofing

**Scope of the Work**—Damp courses, flashing or spandrel waterproofing shall extend from  $\frac{1}{2}$  in. of the face through the wall, turn up 3 in. on the inside, and above windows extend 6 in. beyond jams, ends turning up 1 in. to form pan; as shown on drawings.

**Preparation**—All surfaces to receive waterproofing shall be smooth, hard, and free from projections to the satisfaction of the dampproofing contractor.

**Application**—This contractor shall apply one layer of MINWAX Full Seal Fabric laid in a full coat of Minwax Trowel Coat Dampproofing and top coated with one full trowel coat of the same material. Laps shall be not less than 6 in. Turn-up on back of wall shall be installed as above. Where fabric turns up on steel it shall be turned up not less than 6 in.



Massachusetts General Hospital, Boston

Coolidge, Shepley, Bulfinch & Abbot—Arch.  
Minwax Full Seal Fabric for Spandrel Waterproofing  
Minwax Trowel Coat Dampproofing on exterior steel columns

# MINWAX COMPANY, INC.

11 WEST FORTY-SECOND STREET

Branch Office: 232 E. Erie St., CHICAGO 11, ILL.

NEW YORK 18, N. Y.

Factory: DILLAWANNA, N. J.

# Minwax Dampproofing and Caulking Materials...

## Minwax Superseal Fabric

This material is a factory prepared fabric for waterproofing at spandrel, through wall flashing, etc., ready for installation. It is a strong woven cotton fabric saturated and heavily coated with a plastic asphalt compound. It is waterproof in itself. The only mastic required is for sealing laps and spot-bonding on the surface to which it is applied. This material weighs 4 oz. per yard unfinished and minimum 40 oz. per yard saturated and coated.

## ASPHALT DAMPPROOFINGS for Dampproofing Under Plaster and for Foundations

Minwax Asphalt Dampproofings are designed (1) for damp-proofing the inside of masonry walls above ground where plaster is applied directly against the dampproofing; and (2) for damp-proofing the outside of foundation walls where backfill is placed directly against the dampproofing. Made from Minwax Waterproofing Asphalts they are of proved permanence and are made in three consistencies.

1st. **Minwax Spray Coat**—For spray or brush application. Specify for protection against built in moisture and normal exposures. Specify 2 coats, using 70 sq. ft. per gal. per coat.

2nd. **Minwax Fibrous Brush Coat**—With asbestos fibre. Works smoothly and well under the brush. Specify for additional protection 2 coats, using 70 sq. ft. per gal. per coat.

3rd. **Minwax Trowel Coat**—Reinforced, filled and bodied to create a self-priming mastic applied with trowel to insure a heavy, absolutely continuous dampproof film on all masonry surfaces. Specify

## Specifications for Spandrel Waterproofing

**Application**—This contractor shall apply one layer of Minwax Superseal Fabric extending as above specified bonded to the masonry and at laps which shall be not less than 6 in. with Minwax Trowel Coat Dampproofing. Turn-up on back of wall shall be bonded with Trowel Coat Dampproofing. Where Fabric turns up on steel it shall be fully bonded with Trowel Coat Dampproofing and turn-up shall be not less than 6 in.

where maximum protection is desired, one trowel application, using 1 gal. to each 12 sq. ft. for  $\frac{3}{8}$ -in. film thickness.

## Specifications

**Preparation**—(Specify also under masonry.) All wall surfaces to receive dampproofing shall be left by the mason contractor smooth, sound, free from holes or cracks and from projections or mortar clinkers.

(a) **Dampproofing Under Plaster**—Dampproof the inside of all exterior walls from first floor line to roof, extending 6 in. out on all ceilings, behind all interior partitions and connected carefully to spandrel and through flashing turn-up. **Caution:** These materials not recommended under plaster on ceiling, on cast concrete wall surfaces, nor under cement plaster.

(b) **Dampproofing Foundations**—Dampproof the outside of all exterior walls from bottom of footing to grade.

## MINWAX CAULKING MATERIALS

Designed for sealing joints around window or door frames to prevent the penetration of moisture or air; also for an elastic weatherproof seal for any masonry joints, particularly in extending members, such as capstones, copings, cornices, belt courses, water-tables, etc. May be applied with either a hand tool, hand gun or power gun, either on new work or old. They are highly resistant to conditions of heat, cold, smoke or fumes, etc. They bond satisfactorily to wood, stone, steel, glass or other building materials and will remain plastic and render efficient service for many years.

There are two types of material:

## Minwax Caulking Compound

In three standard colors: white, grey and buff. It is recommended for all locations where an elastic caulking of light color or one to take paint is desired. In two consistencies: No. 1 (soft) for gun application only; No. 2 (heavy) for knife or hand tool.

## Minwax Asphalt Caulking Compound

Made in black only and is recommended for industrial work or for surfaces where dark color is satisfactory. It cannot be painted over. It is non-staining and can be used against limestone and similar surfaces. Made in one consistency, suitable for hand or gun application.

## PITTSBURGH TESTING LABORATORY REPORT

*Covering actual jobs on which Minwax Caulking Compounds have given up to 9 years' service without renewal or replacement cost. Report gives detailed facts on condition of prominent buildings, just as if you yourself had made a personal inspection of these jobs.*

*Here is authentic proof that Minwax Caulking Compound will deliver many years' trouble-and-expense-free service.*

*Send for your copy.*

## Specifications

**Exterior Caulking—Wood or Kalamine Doors or Windows**—Remove all exterior moulds and clean out and caulk all joints between frames and masonry.

**Steel or Hollow Metal Doors or Windows**—Clean out and caulk all joints between steel (or) hollow metal doors and window frames and masonry.

**Sub-frames**—Caulk all joints between sub-frames, and door and window frames.

**Metal Spandrels**—Caulk all jambs between spandrel and masonry and at joint between sill and spandrel and window head.

**Shelf Angles**—Clean out and caulk all joints between masonry and underside of steel shelf angles.

**Half Timbering**—Clean out and caulk all joints between masonry and wood half timbering, wood lintels.

**Sills and Saddles**—Wood (or) metal window sills and door sills (or) saddles shall be set in a bed of caulking compound.

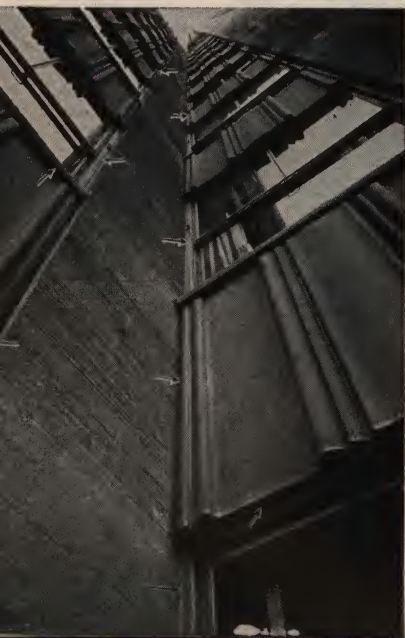
**Pointing Stone, Terra Cotta, etc.**—All joints in stone and terra cotta on the top of copings, cornices, belt courses, washes and sills shall be raked out to a depth of  $\frac{3}{8}$  in., and filled solid with Minwax Caulking Compound, color as selected. (See also "WEATHERCAP.")

**Glass Block**—Caulk outside joints between glass and steel, wood or masonry at head and jambs of all glass block panels and on inside face caulk the joint at head, jambs and sills of all such panels.

**Application**—Pack all joints with oakum and fill solidly from the outside with Minwax Caulking Compound to a depth of not less than  $\frac{3}{4}$  in. The sills shall be caulked from the inside also. The caulking shall be done before staff beads are set.

## R.C.A. Building, Rockefeller Center, New York

All caulking, in all buildings throughout Rockefeller Center, is with Minwax Compound. Grey caulking in the copings, asphalt in the spandrels and window joints.





for MASONRY JOINT PROTECTION

"WEATHERCAP" is a formed strip of pure soft lead, the purpose of which is to create a permanent, waterproof seal for horizontal and sloping joints in masonry, such as copings, cornices, water-tables, balustrades, steps, etc. "WEATHERCAP" is embedded in Minwax Caulking Compound. The compound provides an elastic, adhesive, waterproof filler for the joint.

"WEATHERCAP" is furnished in two shapes (Type A and Type B) as shown opposite. Each type is made in three sizes, to provide for varying widths of masonry joints.

"WEATHERCAP" serves to seal the compound in the joint, and protect the compound against deterioration from the action of sunlight and atmosphere.

As "WEATHERCAP" is pure soft lead, it is easily cut to size on the job. Its anchor can readily be notched, permitting it to be easily bent around corners. It is very malleable, and will therefore conform to the contour of rough masonry surfaces. It produces a beautiful even joint, and will not discolor or stain any surface to which it is applied. Its neutral grey color harmonizes with all building materials.

### Specifications

Joints are raked  $\frac{5}{8}$  in. deep, cleaned, primed with Minwax Colorless and caulked with an excess of Minwax Grey Caulking Compound. "WEATHERCAP" cut to size and notched for corners, is then set in the compound and pressed to a solid bed, thereby forcing the excess compound out on both sides, and filling all bonding grooves. Excess compound is then removed, leaving the masonry surface neat and clean.

## MINWAX TRANSPARENTS

Minwax Transparent is recommended for preventing staining, weather and frost erosion, and for preventing and correcting leakage through exposed masonry walls above grade without objectionable change in color or texture. These materials have a record of successful use of over 30 years with construction industries. Joint defects caused by structural movement which are likely to recur should be cut out, primed with Minwax Colorless and caulked with Minwax Caulking Compound.

### Two Types of Materials Are Made

**Minwax Clear**—For red brick, concrete, and darker colored porous surfaces. Brings out the underlying colors of the surface. No work should be done with this material at a temperature below 60° F.

**Minwax Colorless**—For limestone, artificial stone, stucco, and light colored, close textured surfaces. It can be used on the lightest colored surfaces without appreciable change in color. No work should be done with this material at temperatures below 50° F.

### Specifications

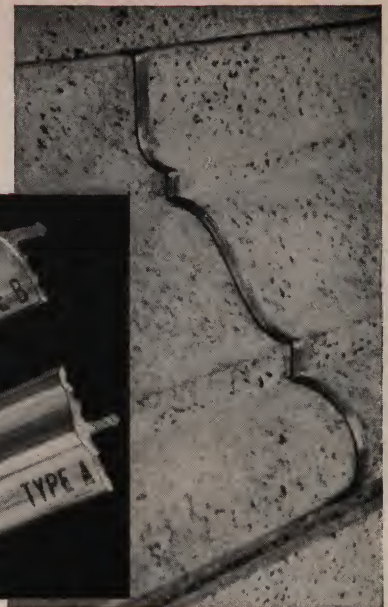
**Preparation—New Work:** All mortar joints shall be full, solid, free from holes, cracks, or defects.

**Old Work:** Cut out and replace with high lime mortar, all loose, cracked and defective mortar joints before application of first coat. Cut out and recaulk as necessary with Minwax Caulking Compound No. 1 Gun Grade all joints in coping, around windows, etc.

Minwax Colorless applied to exterior marble on New York Public Library. Also all defective joints caulked with Minwax Caulking Compound and capped with Weathercap—1946: Standard Waterproofing Corp., Application Contractor

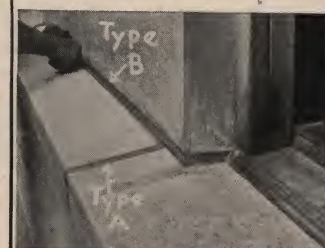
Illustration at right shows Weathercap's conformation to contour and neatness of permanently protected joint.

Below: Types A and B.



Type A Weathercap

TYPE A			
MINWAX CAULKING COMPOUND			
Dimensions in inches			
Size	W	D	To Cover Joints
2	$\frac{3}{8}$	$\frac{3}{8}$	Up to $\frac{3}{8}$
3	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$ to $\frac{1}{2}$
4	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$ to $\frac{3}{4}$
6	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$ to $1\frac{1}{4}$



Type B Weathercap

TYPE B			
MINWAX CAULKING COMPOUND			
Dimensions in inches			
Size	W	D	To Cover Joints
2	$\frac{3}{8}$	$\frac{3}{8}$	Up to $\frac{5}{8}$
3	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$ to $\frac{1}{2}$
4	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$ to $\frac{3}{4}$

**Application**—Apply not less than two coats of either Minwax Clear or Minwax Colorless. The surface must be clean, dry and warm enough so the material will not congeal. Work should progress downward. Two coats are usually required. For unusually absorbent surfaces three coats. Each coat should be generously applied. Runs should be brushed out so as to leave no excess. Allow 12 hours between coats.



## MINWAX REPRESENTATIVES

### CALIFORNIA

Norman Huff  
217 E. Market Street  
Los Angeles 12, Calif.

### CANADA

E. T. Sampson & Co., Ltd.  
2040 Victoria Street  
Montreal 2  
Herbert J. Loney  
119 Pender Street W.  
Vancouver, B. C.

### COLORADO

Clyde M. Paddock Distributors  
3143 Yates Street  
Denver 12, Colo.

### FLORIDA and SOUTH GEORGIA

M. O. Huck Co., Inc.  
Union Terminal Building  
Jacksonville

### ILLINOIS

Minwax Company, Inc.  
232 East Erie Street  
Chicago 11

### KENTUCKY

Martin R. Ayers Co., Inc.  
1000 E. Kentucky Street  
Louisville 4

### MARYLAND

D. C. Ephinstone, Inc.  
115 So. Calvert Street  
Baltimore 2

### MICHIGAN

Fred G. Gardner  
13985 Archdale Rd.  
Detroit 27

### MINNESOTA

Frank P. White Company  
205 Girard Ave., No.  
Minneapolis 5

### MISSOURI

Protective Materials Co.  
1511 South 8th Street  
St. Louis 4

### NEW ENGLAND

Edmund M. Finn  
84 Rogers Street  
Cambridge 42, Mass.

### NORTH and SOUTH CAROLINA and NORTH GEORGIA

J. B. Shatzer  
P. O. Box 3200  
Charlotte, N. C.

### OHIO

Mills Building Products, Inc.  
2036 E. 22nd Street  
Cleveland 15  
Alvan Tallmadge  
8 East Long Street  
Columbus 15

### OREGON

Gilmer Building Specialties  
314-316 S. E. Madison St.  
Portland 14

### PENNSYLVANIA

Leo J. Dawson  
1920 Cherry Street  
Philadelphia 3

### TENNESSEE

Cook & Nichol, Inc.  
440-460 Decatur Street  
Memphis, Tenn.

### WEST VIRGINIA

John H. Froelich  
1471 Worthington Street  
Fairmont, W. Va.

### WISCONSIN

Lake Shore Supply, Inc.  
2410 No. Murray Ave.  
Milwaukee 11

# Minwax Coatings & Concrete Floor Finishes

## MINWAX BRICK AND CEMENT COATING

*Preserves, Beautifies  
and Protects All  
Masonry Surfaces*

McCormick & Company, Baltimore, Md.  
Minwax Brick & Cement Coating  
on exterior concrete  
Klicos Painting Co., Application Contractor



Minwax Brick and Cement Coating is a two purpose material: decorative coating combined with a protective preservative treatment for masonry surfaces. Its ability to protect and prevent frost action and leakage in both industrial and residential construction makes its use economically sound.

Produces a clean, even color with a soft, natural, non-painty effect particularly suitable for fine work.

**Specifications—General—**(1) Surfaces to which Minwax Brick and Cement Coating is to be applied should be thoroughly cured, sound, free from dust, sand, scale or other loose material and thoroughly dry when the material is being applied.

(2) Apply . . . coats of Minwax Brick and Cement Coating colors as selected, with brush or air spray, allowing 24 to 48 hours between coats. Thin first coats as directed with Minwax B. & C. Thinner only; apply final coat straight without thinning or adulteration.

**Extent of Work—**On all exterior masonry extend the coating work in such a manner as to prevent the possibility of moisture getting into the wall back or above the treated surfaces. Where there is an open joint caulk with Minwax Caulking Compound.

**Number of Coats—**Two coats will give excellent results under most conditions. *In all cases* to assure uniform color "touch up" of suction spots which show light after first coat, is important. *Three coats* are recommended for very porous surfaces, as *common brick*, for severe exposures, and where maximum life and service is desired.

**Covering Capacity—**200 to 300 sq. ft. per gallon per coat.

**Colors—**White, Cream, Yellow, Caenstone, Limestone, Terra Cotta, Brownstone, Cement Grey, Green, Blue.

## TERRAZZO FLOOR FINISH

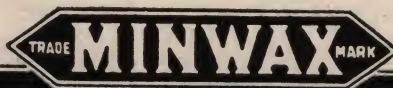
Minwax terrazzo Floor Finish penetrates and seals the surface, producing a uniform protective polish. It protects the surface against wear and staining and reduces the cost of maintenance.

### Directions for Application

Apply a light coat with a cloth. Spreading in a uniform, thin film and when dry (30 minutes to 1 hour) polish to a hard, dry surface with an electric polishing machine. When two coats are required allow 12 hours between coats and apply second coat as directed above. Covering capacity 600 to 1000 sq. ft. per gallon per coat.

## MINWAX CONCRETE FLOOR FINISH

A penetrating sealer and dustproof for concrete floors. It acts by penetrating and depositing tough mineral gums deeply in the pores of the concrete, adding *Toughness* and *Density* and creating a non-dusting, wear-resistant, stain-resistant surface. Supplied in clear only. Apply with a mop two saturating coats to dry floor twenty-four hours between coats. Coverage: 200 to 400 sq. ft. per gal. per coat.



**MINWAX COMPANY, INC.**  
11 West 42nd St., New York

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